

5.6 GROUNDWATER MONITORING PLAN

This area had pre-SMCRA underground discharges running thru acid toxic spoil from pre-SMCRA surface mining and discharging into South Fork Pound River. By implementing these best available Pollution abatement re-mining practices at this site; including covering exposed barren spoil outcrops with valley fills and day-lighting of deep and auger mined areas, and limiting the time groundwater may be in contact with the Standiford bench and the associated acidic spoil; it was the best chance to improve water quality in the watershed. It was anticipated that the ground and surface water quality would improve thru re-mining and restoring the area under current mining practices.

All the BMP's have been completed and the groundwater has gotten better and this is shown in the graphs supplied in the PHC in Section 6.1.

Also the OSM groundwater study and is supplied in Section 5.6.

The operator is asking to delete Piezometers GP-1, P-2, P-3 and P-4 and Wells W-1 and W-2 and underdrains UD-1, UD-2, UD-3, UD-4, UD-5, UD-6 and UD-8 in this revision. Piezometer P-5 will remain till the permit is released.